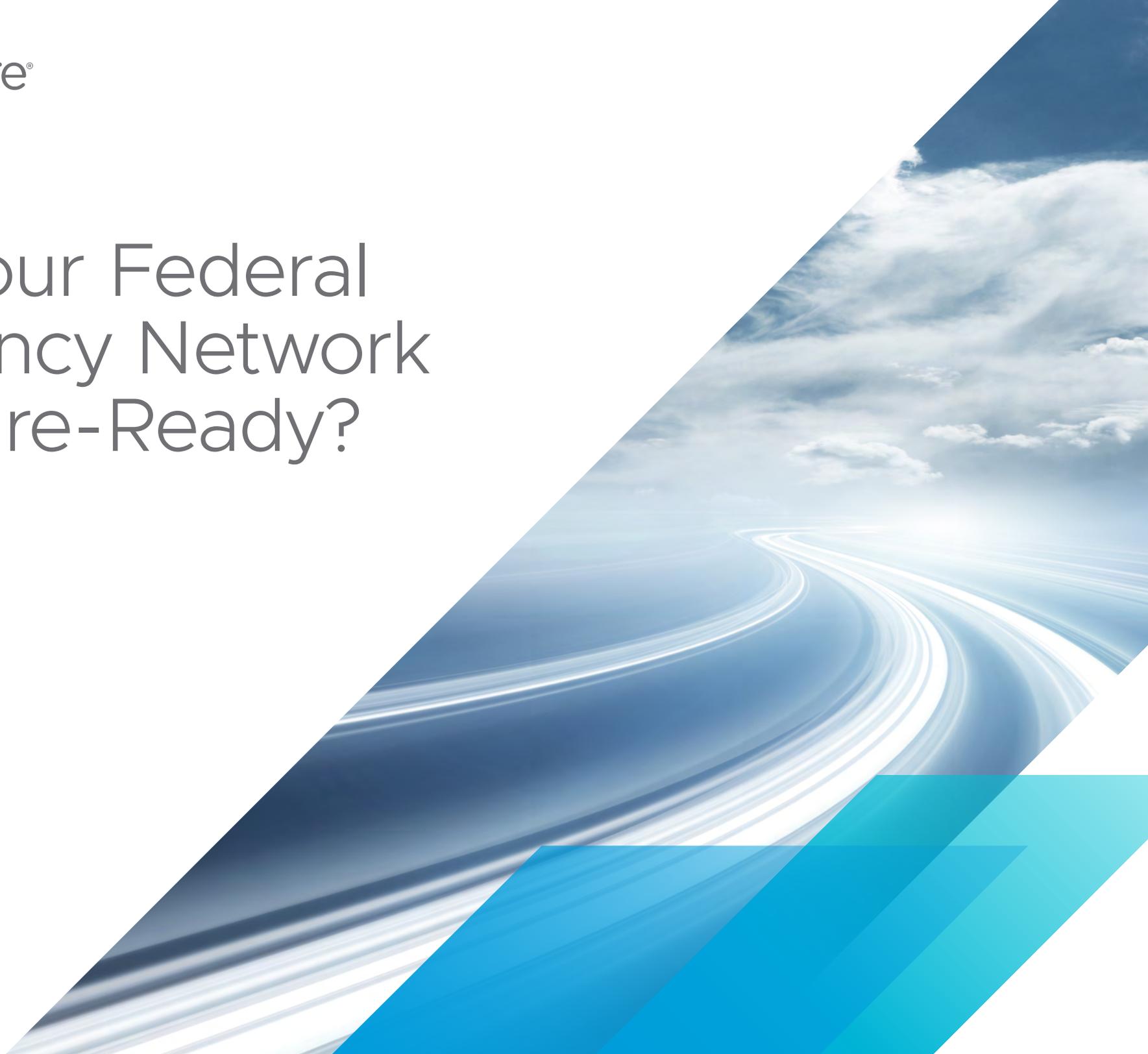




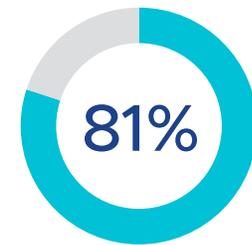
# Is Your Federal Agency Network Future-Ready?



## More Federal Agencies Are Moving to Multi-Cloud Environments

Cloud infrastructure and services can help federal agencies scale resources, adopt a modern application architecture, and take advantage of more efficient IT operations. But inconsistencies, including unsatisfactory app performance, reliability, and quality of experience for employees when connecting remotely, have hampered these efforts.

As agencies grapple with a more distributed workforce, more environments to manage, and more apps, data, devices, and users to connect and secure, it's important that their networks are set up for the future and not holding them back. The most progressive agencies are the ones that have mastered control of the cloud.



of federal agencies use more than one cloud.<sup>1</sup>

<sup>1</sup> Meri Talk, "Juggling the Clouds: What Are Agencies Learning?", December 2019, Web.

Today's modern applications and the demands of their developers require an agile, scalable infrastructure. Many agencies have adopted a multi-cloud strategy with workloads distributed across onsite data centers, private clouds, and public clouds. They know that complexity can add up quickly, with cloud infrastructure options spanning a hybrid mix of public, private, and edge. Building a foundation of consistent networking and security across clouds helps them simplify multi-cloud operations, increases business agility, and accelerates new paths to fulfill your agency's mission.

Is your network helping you progress, or holding you back? Read on to learn what a future-ready network looks like.

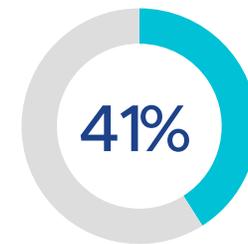


On average,  
organizations  
leverage  
five different  
clouds.<sup>2</sup>

<sup>2</sup> RightScale, Inc. "State of the Cloud Report," 2019.

# Multiple Clouds Means Multiple Management Approaches

As agencies adopt a multi-cloud approach, IT teams often struggle to deal with the increasing number of management tools and approaches that their multiple public and private clouds seem to entail. They face complexity across increasingly diverse cloud providers, with networking and security feature sets, implementation constructs, APIs, and scale limitations that vary across clouds.

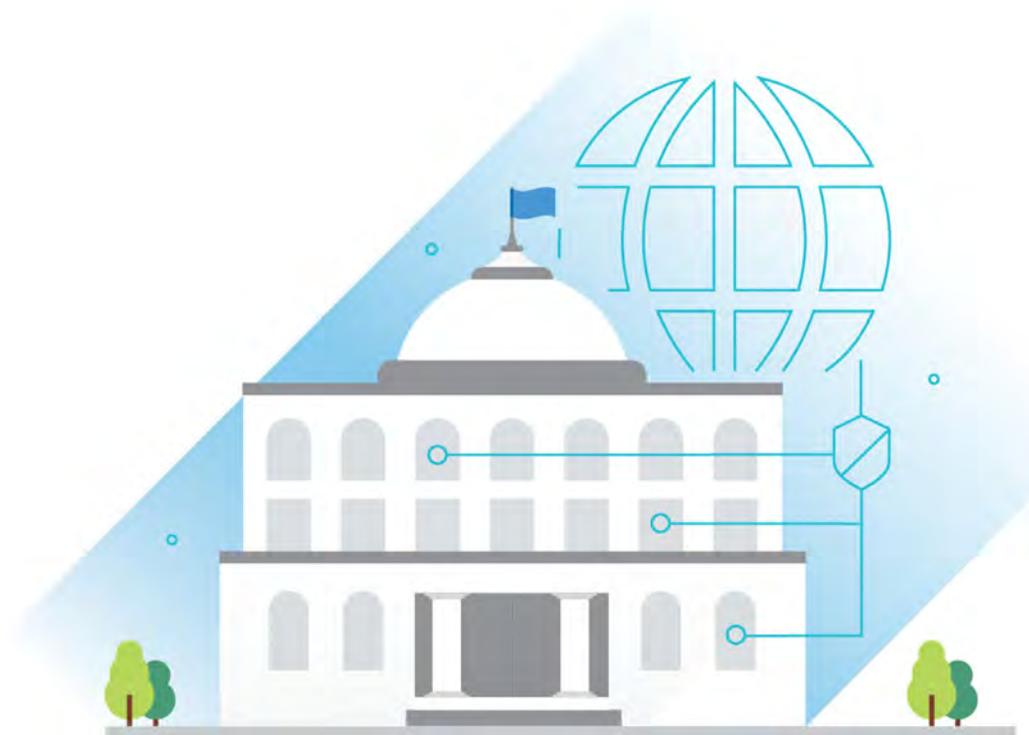


**of federal agencies express security concerns when juggling multiple clouds.<sup>3</sup>**

## Multi-Cloud Challenges

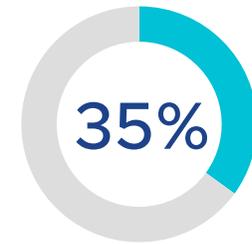
- Operational inconsistency across diverse clouds
- Disparate management tools
- Lack of visibility to costs and resources
- Inconsistent security and governance
- Different skillsets needed

<sup>3</sup> Meri Talk, "Juggling the Clouds: What Are Agencies Learning?", December 2019, Web.



## Multi-Cloud Success

The challenges of a multi-cloud approach are connected by a single thread: network complexity. To address these common multi-cloud challenges, federal IT organizations need to simplify with unified, consistent infrastructure and operations across their IT environment. **By re-thinking how they connect, secure, and operate multiple clouds, agencies will gain the freedom to innovate across clouds.**



of federal agencies express interoperability concerns when juggling multiple clouds.<sup>4</sup>

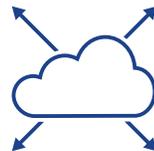
### Multi-Cloud Success Means



Migrating to the cloud at minimal cost and risk



Seamless networking and security operations across multiple clouds



Scaling to the cloud as needed, and paying only for what is needed



Enabling self-service architecture

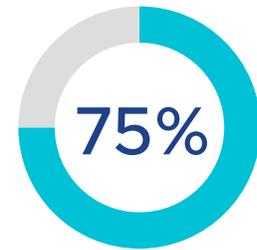


Delivering modern apps built on Kubernetes

<sup>4</sup> Meri Talk, "Juggling the Clouds: What Are Agencies Learning?", December 2019, Web.

# Virtual Cloud Networking Delivered by VMware NSX

VMware Virtual Cloud Networking solutions provide a ubiquitous software layer from data center to cloud to edge infrastructure. They offer a secure, consistent foundation that simplifies cloud operations and lets you focus on your mission.



**say managing a multi-cloud environment will be one of their agency's top challenges over the next five years.<sup>5</sup>**



## Cloud-scale networking

Leverage a complete networking and security virtualization platform that is infrastructure-agnostic and software-defined for programmability, agility, and scalability.



## Intrinsic security

Simultaneously secure east-west network traffic and protect workloads across multi-cloud environments with a purpose-built internal firewall. Mitigate risk, ensure compliance, and lower costs by eliminating physical firewalls and vastly simplifying the operational model of firewalling every workload.



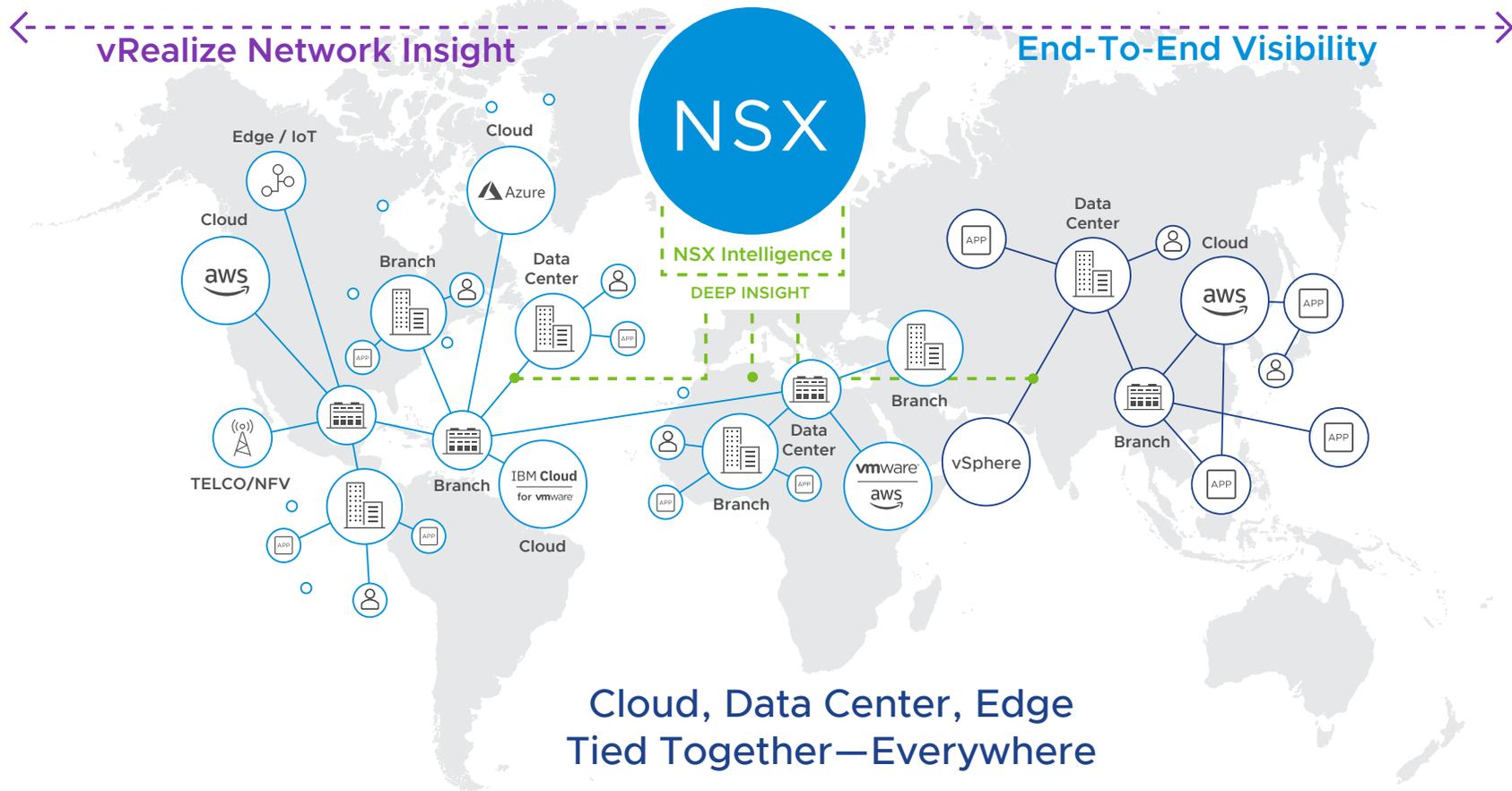
## Distributed analytics

Eliminate the trade-off between deep insight and operational simplicity with a distributed analytics engine built and managed natively within VMware NSX.<sup>®</sup> NSX Intelligence and VMware vRealize<sup>®</sup> Network Insight<sup>™</sup> together empower network and application security teams to deliver a more granular security posture, simplify compliance analysis, and enable proactive security.

<sup>5</sup> Meri Talk, "Juggling the Clouds: What Are Agencies Learning?", December 2019, Web.

With VMware Virtual Cloud Networking solutions, you can:

- Simplify hybrid and multi-cloud operations
- Secure all your clouds with a common approach
- Unify visibility and management across all cloud environments for consistent operations
- Automate networking and security for faster time-to-market



# Break Down Networking and Security Barriers to Multi-Cloud Success

Virtual Cloud Networking delivers consistent, pervasive connectivity and security for apps and data wherever they reside, independent of the underlying physical infrastructure. Simplify multi-cloud use cases ranging from seamless connectivity to consistent policy to rapid workload mobility with offerings such as VMware Cloud™ on AWS, VMware HCX®, VMware Cloud on AWS Outposts, and more. Spend less time on IT management, so you can focus on your mission.

**Be future-ready. Get the freedom to innovate across clouds with VMware Cloud Networking solutions.**

## Take the Virtual Cloud Network Readiness Assessment

Evaluate your current agency needs and challenges, and get customized solutions and resources to establish a new network approach that helps you succeed in your mission.

[GET STARTED](#)

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